

METHOD, SYSTEM, AND PROGRAM FOR SYNCHRONIZATION  
AND RESYNCHRONIZATION OF A DATA STREAM

ABSTRACT

5        Provided is a method, system, and program for providing synchronization in a  
binary data stream. A binary data stream is received. A synchronization mark having  
at least one isolated peak is generated into at least one point in the data stream. An  
encoded data stream is formed by concatenating the synchronization mark with the  
received binary data. During decoding, the synchronization mark is detected based  
10    on error propagation occurring adjacent to the at least one isolated peak of the  
synchronization mark.